SONY

Cleaning the Fan Unit

■ Applicable to the following VAIO® PCG-GRT series models:

PCG-GRT280ZG	PCG-GRT290ZP	PCG-GRT290Z
PCG-GRT380ZG	PCG-GRT390ZP	PCG-GRT360ZG

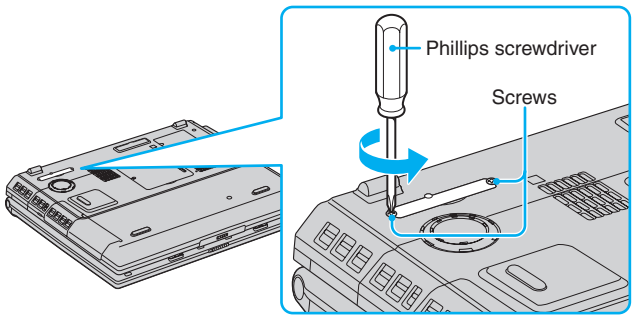
Please follow the steps below to clean the fan unit if you encounter any of the following problems:

- Your computer turns itself off a few minutes after it is turned on.
- Your computer's performance suddenly slows drastically, or software applications stop responding.

Note before cleaning
Before cleaning the fan unit, turn off your computer, and let it cool for about an hour. The interior of your computer may be hot immediately after it is turned off.

1 Turn off your computer and any connected peripheral devices, remove the battery, and unplug all cords and cables, including the power cord.

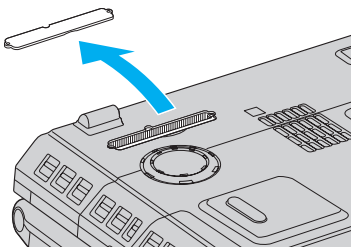
2 Turn your computer upside down, and use a Phillips screwdriver to remove the two indicated screws from the bottom of your computer.



Notes

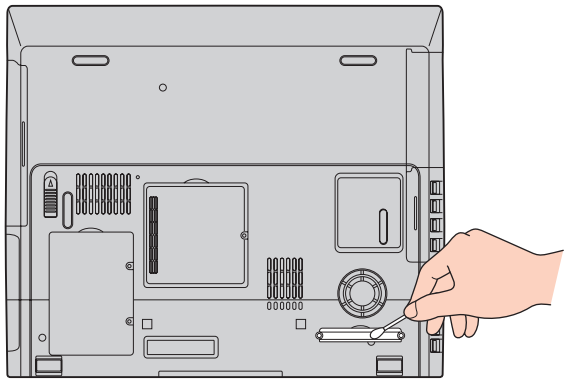
- To avoid damaging the screws, use a screwdriver similar in size to the screw heads.
- Do not unscrew or remove screws other than those indicated, or your computer may not function properly.
- Take care not to drop the removed screws into the computer through the fan-cleaning opening or other openings.

3 Remove the cover from the fan-cleaning opening.

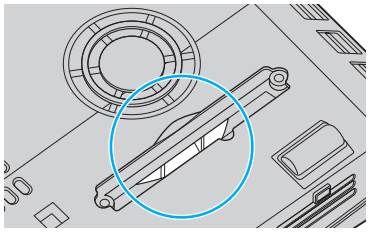


Note
Do not allow any liquid or other foreign matter to enter your computer, as it may damage your computer.

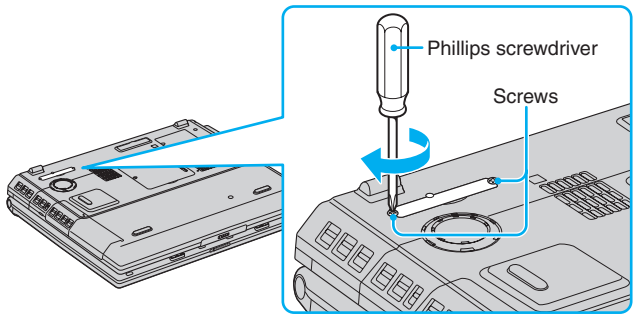
4 While holding your computer with its back panel down as shown, insert a cotton-tipped swab through the opening, and remove any dust.



Note
Avoid touching the fan blades through the opening, as damaged fan blades may create noise when the computer is in use.



5 Put the cover back into place, and firmly tighten the two screws.



6 Turn on your computer, and verify that it is operating normally.

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